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## PROCEEDINGS OF SCIENTIFIC SOCIETIES.

AMERICAN PHILOSOPHICAL SOCIETY, Philadelphia, Oct. 15, 1880.  
—A letter from Dr. Henry Draper announcing the successful photographing, in fifty minutes, of the Orion nebula, was read; and Dr. Barker made some remarks in regard to the discovery. Mr. Lesley described a kitchen-trash heap at Saltzburg, Va.

Nov. 5.—Dr. Horn presented two papers for publication in the Proceedings, entitled, "Critical notes on the species of Selenophorus of the United States," and "A review of the species of Anisodactylus inhabiting the United States." Mr. Lesley exhibited some recently executed works of the State Geological Survey.

Nov. 19.—Mr. Lesley exhibited and described three models in plaster, 1st. Of the seven mountains in Middle Pennsylvania, surveyed by Chas. E. Billin; 2d. Of the Stone mountain fault, by the same, and 3d. Of a part of the Middle Anthracite Coal field, constructed from the first specimen sheet map of the Anthracite Survey, by Mr. Chas. A. Ashburner.

Dec. 3.—A communication entitled, "On the Vertebrata of the Wind River Eocene bed, of Wyoming, by E. D. Cope," was read by title. Dr. König remarked on two specimens of silver ore from near Ouray, in Colorado.

Dec. 17.—Prof. Cope remarked on the fossils of the Wind River Eocene beds.

Jan. 7, 1881.—A paper on Photodynamics was read by Professor Chase. A note on the protection of oil tanks from lightning stroke, by B. Howard Rand, and extracts from letters on the discovery of Permian shells in the Upper Coal measures at Wilkesbarre, by Dr. Ingham, were read. A MS. map of the geology of parts of Lee, Wise and Scott counties, Va., by J. J. Stevenson, was presented by Mr. Lesley. Mr. Lesley exhibited a map of Pennsylvania, showing the progress of the survey since 1874.

Feb. 4.—Professor J. J. Stevenson communicated a paper entitled, "The Upper Freeport Coal bed along Laurel ridge, in Preston county of West Virginia."

Feb. 18.—A communication was read, entitled "Certain almanacs published in Philadelphia between 1705 and 1744, by Henry Phillips, Jr."

March 4.—Mr. Lesley read a paper entitled, "Notes on the meaning of the word *Hebrews*, and on Egyptian names of Hebrew kings."

March 18.—A paper "On the Preglacial drainage of the Great lakes, by Dr. J. W. Spencer," was read by the secretary. "A geological section at St. Mary's in Elk county, Pa.," was explained, and the importance of its consequences noted, by Mr. C. A. Ashburner.

PHILADELPHIA ACADEMY OF NATURAL SCIENCES, Nov. 9, 1880.  
—Rev. Dr. McCook spoke on the habits of Basilica spiders and their mode of constructing the dome-shaped webs and the cocoon.

He asked for information regarding the use, by birds, of the spinning work of spiders in the construction of their nests. Dr. König spoke on Beegarite.

Nov. 16.—Mr. Meehan remarked on the sexual organs of *Andromeda*. Mr. Potts gave the names of the new species of fresh-water sponges collected in Fairmount Park, and spoke on the characters of some other forms observed by him.

Nov. 23.—Dr. McCook spoke on the enemies of spiders.

Nov. 30.—Mr. Ryder gave an account of the development of *Mya arenaria*. Mr. Meehan spoke on the germination of seeds. Dr. Parker remarked on the morphology of the occipital lobes of the brain. Dr. Dercum spoke on the termination of nerve-fibers.

Dec. 7.—Dr. McCook spoke on the protective instincts and industries of the spiders. Mr. Potts remarked on the feeding habits of ants.

Dec. 14.—Professor Allen spoke on the phalanges of the bat's wing. Mr. Ryder described *Zygonopus whitei*, a new myriapod from a cave in Virginia.

Jan. 4, 1881.—Dr. Leidy spoke on the use of rhizopods as food for fishes.

Jan. 25.—Dr. Horn spoke on the mouth organs of the Carabidæ and their value in classification.

Feb. 1.—Mr. Ryder remarked on Protozoa of Europe and the United States.

Feb. 8.—Mr. Meehan remarked on the lack of trees on prairies. Mr. Bassett spoke on Hymenoptera producing galls.

Feb. 22.—Dr. McCook remarked on analysis of honey and development of abdomen of ants. Dr. Kite spoke on the skulls of hornbills.

March 1.—Mr. Potts made observations on *Spongilla*. Professor Heilprin spoke on geological classification.

BOSTON SOCIETY OF NATURAL HISTORY, March 16.—Dr. W. G. Farlon made some observations on the plants of Bermuda, and Professor N. S. Shaler discussed the advance and recession of glaciers.

AMERICAN GEOGRAPHICAL SOCIETY, March 25.—Lieut.-Commander H. H. Gorringer, U. S. N., read a paper entitled, A cruise along the northern coast of Africa.

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## SELECTED ARTICLES IN SCIENTIFIC SERIALS.

THE GEOLOGICAL MAGAZINE.—March. On the traveled blocks of the Upper Punjab and a supposed Glacial period in India, by A. B. Wynne. Prehistoric Europe and the Cornish Forest beds, by W. A. E. Assher. "Laccolites," by G. H. Kinahan.

THE CANADIAN ENTOMOLOGIST.—January. Observations on several species of *Ægeriodæ* inhabiting the vicinity of Buffalo, N. Y., by D. S. Kellicott. Description of the preparatory stages of *Papilio philenor* (Linn.), by W. H. Edwards.